Revision papers for class VI

1. Fill in the blanks;

a. 1 lakh=--------ten thousand

b. 1 million=-------hundred thousand

c. 1 Crore=----------million

d. 1 million=----------1 lakh

2. Add the difference of the smallest 4 digit number and the smallest 3 digit number to the largest 2 digit number.

3. Write the following in Roman Numerals

a. 1990 b. 687 c. 1089

4. Write the following in Indo Arabic numerals.

a. CDXXXVII b. MCM c. MCMIX

5. Place the commas correctly and write the numerals

a. Seventy three lakh seventy five thousand three hundred and seven.

b. Nine crore five lakh forty one.

c. Fifty eight million four hundred twenty three thousand two hundred and two.

6. In the sums given below , round off the numbers to the nearest hundred and find the estimated answer. Also find the actual answer.

a.7923+3021 b.8865-2360 c. 207x111

d. 4775÷25. e.2350x23

7.Give the greatest 5 digits number, only three digits being the same.

8. The short form of the number 4x1000000+2x1000+3x100+2 is ------.

9. Write the number name of 36700007in the Indian and International systems with the commas in the right place.

10.give the predecessor of 9968 and the successor of4563.

2. Playing with Numbers.

11. State True or false and if false, mention the true statement.

a. Twin prime numbers are pairs of numbers which have only prime numbers between them.

b. If b is a multiple of a then , b ≥a.

c. Co primes are pairs of numbers that share a common divisor.

d. 1 is a factor of every number.

12. Write all the factors of 36.

13. Write three multiples of 23, 34.

14. Express 44 as a sum of two odd prime numbers.

15 .Check the divisibility of 476918 by11.

16.The number that should be added to 5819to be divisible by7?

17.Find the HCF by prime factorization method.

a. 658,940,1125. b.762, 1270

18. Find the HCF by division method.806, 663, 377.

19. Reduce 527/1147 to the lowest terms.

20. Find the greatest number by which one can divide 11296 and 13528 , leaving remainders 11 and 23 respectively.

21. Find the smallest number which when divided by 15,20, 48 will in each case leave 9 as the remainder .

22. If the HCF of two numbers is 26 and their LCM is 5148. If one number is 572, find the other number.

23. Can two numbers have 16 and 204 as their HCF and LCM respectively? Why?

24. Write all the prime numbers between 40 to 50

25.Check whether 72912 is divisible by 2,3,4,5,6,7,8,9 explaining the rules.

26. To test for divisibility by 12, the number 20028 should be divisible by

27. Find the prime factors of 625 3900.

28. Find the LCM of 39, 65, 130, 156.

29. Four bells toll at intervals of 10minutes, 15minutes, 30 minutes and 45 minutes . If all of them tolled together at 8 a.m., when will they next toll together?

30. Find the least number of five digits exactly divisible by 12,15,18, 24.

Operations on whole numbers.

30. .Find the sum of the following by suitable arrangement

222+333+667+778.

31. Find the product of the following by suitable arrangement.

818 x 2x 50 ; 212x8x 50x10

32. Using the property of distribution of multiplication over addition, solve the following. 859x 102 ; 112x1004

33. Do the subtraction sums and check your answer by suitable addition. 23605—19878 ; 70546---34789.

34.State the property used in each case

a. 56x (19+91)==56x19+56x91

b.1x6892=6982.

c. (212x27)+(212x23).= 212x(27+23)=212x50.

d.386x (9-6)=(386x9)-(386x6).

e.1x0=0

35. Divide and check your answer.

3779520÷32 ; 514228÷52.

36. A school has 5746 students . If 1298students leave the school and 2478 new students join in, find the total number of students.

37. Find the number which when divided by27 gives 125 as quotient and 25 as remainder.

38. which property states that the sum of any two whole numbers is always a whole number.

39. How much less than the sum of 4236, 1281and 45 is the product of42 and 126.

40.If a and b are two whole numbers , then the commutative property of multiplication states-----

Basic geometrical ideas.

41.Fill in the blanks

.A line has---- end points.

A ray has -----end points.

A line segment has---- end points.

A ----- is a three sided polygon.

A ----- is a four sided polygon.

The length of a diameter is----- that of a radius.

The ----- is the longest chord of a circle.

Concentric circles have ----- center.

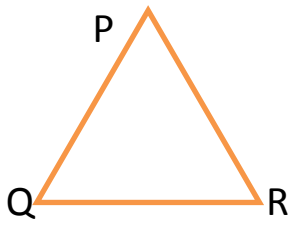
Distance around the circle is-------.

Points that fall together on the same line are----------.The line segment joining the opposite vertices of a quadrilateral is called----------.

42. Name the following in a triangle.

a. The three sides. B. the three vertices

c. The side opposite to the vertex R .



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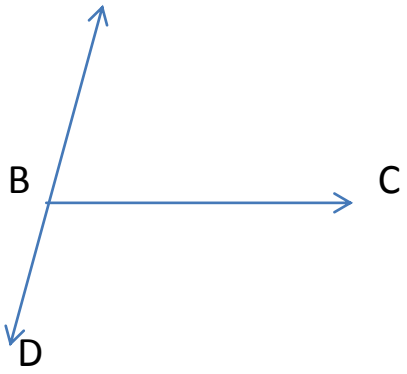

43. Write the three letter names of all the angles for the above figure.

44.what is a median and altitude .In a triangle how many medians and altitudes are there?

45 The point where all the lines meet is called-------

46. what are parallel lines? what are perpendicular lines? Give some examples.

47. Draw a triangle ABC and mark an altitude and median from vertex A

48. Draw a quadrilateral PQRS and name all the vertices, all the sides all the angles, all the triangles adjacent and opposite sides, adjacent and opposite angles.

49.'The surface of a book is a plane '. Is this statement correct? Explain.

50. Draw a circle of radius 4 cm Draw a chord AB of the circle, Mark Points M,N to show minor arc and major arc, minor segment and major segment. In which segment does the center of the circle lie?

Integers

51.Fill in the blanks with the symbol<,or >,

a. 4□-2 b. -1□5 c. -1□0 d. 0□5 e. 3□-3 f. 0□-7

g. -6□-8 h.-2□-5

52. Use the number line and write 3 more than -2, 2 less than -1, 6 more than -6,3 less than -5, 10 less than -10.

53. Arrange the following in ascending order… -1,-2,-3,0,1,2,3.

54. Write all the integers between -3 and 3.

55. Write the absolute value 0f -10 and 10, 0 and -200.

56. Add using the number line.(-3)+2+(-5)

57. Use the associative law to add these integers.

a.200+ (-33)+(-67) b. 0+(-1)+(1)+932+(-332)

c.(-2)+(-35)+90+985 d.(-345)+908+(-76)

58. What is the sum of the largest 4-digit positive integer and the smallest 3 digit negative integer.

59. Subtract 0 from -32 , -84 from 0, -256 from 256,

60. Simplify a.256-78+620 b.89-90 -120 c. 64+[(-20)-(-30)]-(-6)